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L4 ANSWER 35 OF 44 CA COPYRIGHT 2005 ACS on STN  
AN 107:160386 CA  
ED Entered STN: 31 Oct 1987  
TI Additives for **cement extrusion**  
IN Tanaka, Masahiko; Shiomi, Kumiko  
PA Sanyo Chemical Industries Ltd., Japan  
SO Jpn. Kokai Tokkyo Koho, 4 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese  
IC ICM C04B024-22  
ICS C04B024-38  
CC 58-1 (Cement, Concrete, and Related Building Materials)  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 62036055	A2	19870217	JP 1985-176237	19850809
PRAI	JP 1985-176237		19850809		

CLASS

	PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
	JP 62036055	ICM	C04B024-22
		ICS	C04B024-38

AB The additives comprise 50-90 weight% water soluble or water dispersible **cellulose** derivs. and 10-50 weight% formaldehyde-(alkyl)naphthalenesulfonic acid condensate salt and/or formaldehyde-melamine sulfonic acid salt copolymer. **Cement** mixts. are easily kneaded and **extruded** with the additives. Thus, 80 parts hydroxypropylmethyl cellulose (8300 cP) and 20 parts Na salt of formaldehyde-naphthalenesulfonic acid condensate were mixed to give an additive, which (1 part) was added to a mixture of **cement** 100, asbestos 20, and H<sub>2</sub>O 35 parts. The mixture was **extruded** for torque 80 kg/cm and no dehydration was observed in the **extruded** product.

ST sulfonate formaldehyde copolymer **cement dispersant**; **cellulose** deriv **cement dispersant**; melamine formaldehyde copolymer **cement dispersant**

IT **Cement**  
(dispersants for, formaldehyde copolymer salts and **cellulose** derivs.)

IT **Dispersing agents**  
(formaldehyde copolymer salts and **cellulose** derivs., for **cement**)

IT 50-00-0D, polymers with sulfonated melamines 108-78-1D, sulfonated, polymers with formaldehyde 9004-65-3, Hydroxypropylmethyl **cellulose** 9084-06-4, Formaldehyde-naphthalenesulfonic acid copolymer sodium salt

RL: USES (Uses)